

141-424

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE PATENT OPERATION

In re Application of:

Kositprapa et al.

Serial No.: 10/664,803

Group Art Unit: --

Filed: September 19, 2003

Examiner: --

For: NOVEL PHARMACEUTICAL FORMULATION CONTAINING A BIGUANIDE

AND A THIAZOLIDINEDIONE DERIVATIVE

New York, NY 10036 December 22, 2003

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

#### INFORMATION DISCLOSURE STATEMENT

Sir:

The following statement of relevance is submitted with the accompanying Form PTO/SB/08A.

Document

**Designation** 

Relevance

AA

Relates to a process for the oral treatment of diabetes.

U.S.P. 3,174,901

AB

Relates to 1,2-biguanides.

U.S.P. 3,960,949

AC

Relates to a process for preparation of microspheres.

U.S.P. 4,166,800

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope

addressed to:

Commissioner for Patents

P.O. Box 1450

Alexamdria, VA 22513-1450

on December 22, 2003

Martin P. Endres, Reg. No. 35,498

1

<u>I</u>	Document Designation AD J.S.P. 4,389,330	Relevance Relates to a microencapsulation process.
	AE J.S.P. 4,687,777	Relates to a thiazolidinedione derivative, useful as an antidiabetic agent.
	AF J.S.P. 4,839,177	Relates to a system for the controlled-rate release of active substances.
	AG J.S.P. 4,891,223	Relates to a controlled release delivery coating formulation for bioactive substances.
	AH J.S.P. 4,968,507	Relates to a controlled porosity osmotic pump.
	AI J.S.P. 5,294,770	Relates to a laser tablet treatment system.
	AJ J.S.P. 5,356,913	Relates to the use of insulin sensitizing agents to treat hypertension.
	AK J.S.P. 5,376,771	Relates to a high speed process for preparing orifices in pharmaceutical dosage forms.
	AL ' J.S.P. 5,478,852	Relates to a use of thiazolidinedione derivatives and related antihyperglycemic agents in the treatment of impaired glucose tolerance in order to prevent or delay the onset of noninsulin- dependent diabetes mellitus.
	AM J.S.P. 5,602,133	Relates to a use of thiazolidinedione derivatives and related antihyperglycemic agents in the treatment of disease states at risk for progressing to noninsulin-dependent diabetes mellitus.
	AN J.S.P. 5,658,474	Relates to a method and apparatus for forming dispenser delivery ports.
	AO . J.S.P. 5,681,584	Relates to a controlled release drug delivery device.
±i.	AP J.S.P. 5,698,220	Relates to an asymmetric membrane for use in drug delivery devices.
	AQ J.S.P. 5,719,188	Relates to the use of insulin sensitizing agents to treat hypertension.
	AR J.S.P. 5,859,037	Relates to sulfonylurea-glitazone combinations for diabetes.
		2

٠,٠٠٠

1/2

AS U.S.P. 5,916,584	Relates to a controlled release container with a core and an outer shell.
AT U.S.P. 5,952,356	Relates to a pharmaceutical composition.
AU U.S.P. 5,955,106	Relates to a pharmaceutical preparation containing metformin and a process for producing it.
AV U.S.P. 6,011,049	Relates to drug combinations for treating diabetes.
AW U.S.P. 6,031,004	Relates to salts of metformin.
AX U.S.P. 6,099,859	Relates to a controlled release oral tablet having a unitary core.
AY U.S.P. 6,153,632	Relates to a method and composition for the treatment of diabetes.
AZ U.S.P. 6,191,162	Relates to a method of reducing serum glucose levels.
BA U.S.P. 6,248,363	Relates to a solid carrier for improved delivery of active ingredients in pharmaceutical compositions.
BB U.S.P. 6,291,495	Relates to a method and composition for the treatment of diabetes.
BC U.S.P. 6,296,874	Relates to a core formulation comprising troglitazone and a biguanide.
BD U.S.P. 6,329,403	Relates to a pharmaceutical composition for the treatment of diabetes.
BE U.S.P. 6,383,471	Relates to a composition and method for improved delivery of ionizable hydrophobic therapeutic agents.
BF U.S.P. 6,403,121	Relates to a core formulation.
BG US 2002/0071866	Relates to a dosage form having a barrier layer to laser ablation.
BH U.S.P. 6,451,342	Relates to a core formulation comprised of troglitazone and a biguanide.

BI U.S.P. 6,475,521	Relates to a biphasic controlled release delivery system for high solubility pharmaceuticals.
BJ U.S.P. 6,524,621	Relates to a core formulation.
BK US 2003/0113371	Relates to a composition and method for maintaining blood glucose level by employing a hydrophilic matrix based oral controlled release antidiabetic composition.
BL US 2003/0118647	Relates to an extended release tablet of metformin.
BM US 2003/0118649	Relates to a drug delivery device.
BN U.S.P. 6,599,284	Relates to an osmotic device having a preformed passageway that increases in size.
CA WO 96/09823	Relates to a hypoglycemic agent from cryptolepis.
CB WO 98/11879	Relates to a gastric-retentive, oral drug dosage form for the controlled-release of sparingly soluble drugs and insoluble matter.
CC WO 98/55107	Relates to a gastric-retentive oral drug dosage form for controlled release of highly soluble drugs.
CD WO 99/47128	Relates to a biphasic controlled release delivery system for high solubility pharmaceuticals.
CE WO 99/55320	Relates to an oral formulation comprising a biguanide and an organic acid.
CF WO 00/28989	Relates to a pharmaceutical composition for modified release of an insulin sensitizer and another antidiabetic agent.
CG WO 00/72827	Relates to porous drug matrices and methods of manufacture thereof.
CH WO 01/35940	Relates to a composition comprising a thiazolidinedione metformin hydrochloride.
CI WO 01/35941	Relates to a composition comprising a thiazolidinedione metformin hydrochloride.
CJ WO 01/82875	Relates to a core formulation comprising pioglitazone and a biguanide.

. .

CK WO 02/28181	Relates to a sustained release pharmaceutical composition containing metformin and a method for its production.
CL WO 03/004009	Relates to a pharmaceutical composition.
CM WO 03/35029	Relates to a formulation of an erodible, gastric retentive oral dosage form using in vitro disintegration test data.
CN WO 03/047529	Relates to an extended release pharmaceutical tablet of metformin.
CO EP 0 169 105	Relates to a controlled porosity osmotic pump.
CP EP 0 283 369	Relates to metformin dosage formulation.
CQ EP 0 381 181	Relates to a system for the controlled release of active agents and a process for its preparation.
CR EP 0 749 751	Relates to a pharmaceutical composition for use in treatment of diabetes.
CS EP 0 753 298	Relates to a synergistic combination comprising an insulin sensitizer and a HMG-CoA reductase inhibitor for treating arteriosclerosis.
CT EP 0 781 129	Relates to a pharmaceutical preparation containing metformin and a process for producing it.
DA P. Karttunen et al. International Journal of Clin: Pharmacology, Therapy and "The pharmacokinetics of mecomparison of the properties	Toxicology, etformin: a

DB Relates to a sustained release metformin dosage form. P.J. Pentikainen
International Journal of Clinical
Pharmacology, Therapy and Toxicology,
"Bioavailability of metformin. Comparison
of solution, rapidly dissolving tablet, and
three sustained release products"
Vol. 24 No. 4 – 1986, pp. 213-220

release and a sustained-release preparation"

Vol. 21 No. 1 – 1983, pp. 31-36.

DC

Relates to a sustained release metformin dosage form.

Finnish Monograph of the Diformin®

Retard table

with English translation

DD

Relates to metformin dosage form.

O.J. Lucis, MD, Ph. D., MSC Canada Medical Association J. Pharmacologic Update "The status of metformin in Canada" Vol. 128 January 1, 1983 pgs. 24-26

DE

Relates to pioglitazone.

G. Belcher and D.R. Matthews Experiment and Clinical Endocrinology & Diabetes "Safety and tolerability of pioglitazone" Suppl 2 (2000) pgs. 267-273

DF

Relates to a pioglitazone and metformin dosage forms.

Daniel Einhorn, MD et al. Clinical Therapeutics "Pioglitazone Hydrochloride in Combination with Metformin in the Treatment of Type 2 Diabetes Mellitus: A Randomized, Placebo-Controlled Study", Vol. 22 No. 12, 2000 pgs. 1395-1413

DG

Relate to pioglitazone.

National Institute for Clinical Excellence Technology Appraisal Guidance – No. 21 "Guidance on the Use of Pioglitazone for Type 2 Diabetes Mellitus" March 2001, pgs. 1-13

DH

Relates to pioglitazone.

The Pharmaceutical Journal Vol. 265, No. 7122, p. 710 November 11, 2000 Clinical (abstract only)

DI

Relates to a metformin extended-release tablet.

Product Labeling for Glucophage® XR (July 2002)

DJ

ADA Professional Section Member Supplement 047 and 0503-506 (Poster) p. A110; A117 Relates to combination therapy with pioglitazone and insulin in patients with Type 2 diabetes.

DK

Relates to an insulin-sensitizing diabetes agent.

Website

www.findarticles.com
Clinician Reviews
"Insulin-Sensitizing Diabetes Agent"
September 1999

DL

Relates to pioglitazone dosage formulation.

ACTOS® product label Physician's Desk Reference 55<sup>TH</sup> Edition, pp. 3171-3175

DM

Relates to Mediabet which is a tablet containing metformin.

Rote Liste No. 11081 the Medicament Mediabet of MEDICE, Chem.-Pharm. Fabrik Pütter GmbH & Co. KG, Kuhloweg 37-39 Iserlohn/Germany, Editio Cantor Verlag für Medizin und Naturwissenschaften GmbH, 1993.

Full text copies of the prior art are enclosed herewith. It is respectfully requested that this art be considered by the Examiner in the above-entitled application and made of record therein.

Pursuant to 37 C.F.R. §1.97 it is believed that no fee is required for consideration of this Information Disclosure Statement. If a fee is required, the Commissioner is hereby authorized to charge Deposit Account No. 08-1540.

Respectfully submitte

Martin P. Endres

Reg. No. 35,498

MAILING ADDRESS: HEDMAN & COSTIGAN, P.C. 1185 Avenue of the Americas New York, NY 10036 (212) 302-8989

DEC 2 9 2003 & TRADEMARY

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

		_
Со	mpl t if Known	
Application Number	10/664,803	
Filing Date	September 19, 2003	
First Named Inventor	September 19, 2003 Unchalee Kositprapa	
Art Unit		
Examiner Name		
Attorney Docket Number	141-424	

	U.S. PATENT DOCUMENTS							
Examiner Initials		Document Number Number - Kind Code <sup>2</sup> ( <i>if known</i>	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
	AA	us- 3,174,901	03-23-1965	Sterne				
	AB		06-01-1976	Ahrens et al.				
	AC	us-4,166,800	09-04-1979	Fong				
	AD	us-4,389,330	06-21-1983	Tice et al.				
	AE		08-18-1987	Meguro et al.				
	AF		06-13-1989	Cofombo et al.				
	AG		01-02-1990	Ambegaonkar et al.				
	AH	us-4,968,507	11-06-1990	Zentner et al.				
	ΑI	us- 5,294,770	03-15-1994	Riddle et al.	,			
	AJ	us- 5,356,913	10-18-1994	Colca				
	AK	us- 5,376,771	12-27-1994	Roy	·			
	AL	us-5,478,852	12-26-1995	Olefsky et al.				
	AМ	us- 5,602,133	02-11-1997	Antonucci et al.				
	AN	us-5,658,474	08-19-1997	Geerke				
	ÃÔ	∪s-5,681,584	10-28-1997	Savastano et al.				
	AP	us- 5,698,220	12-16-1997	Cardinal et al.				
	AO	us-5,719,188	02-17-1998	Colca				
	AŘ	us- 5,859,037	01-12-1999	Whitcomb				
	AS	us- 5,916,584	06-29-1999	O'Donoghue et al.				
***************************************	AT	us- 5,952,356	09-14-1999	Ikeda et al.				

	FOREIGN PATENT DOCUMENTS								
Examiner Initials		Foreign Patent Document  County Code3 -Number4 - Kind Code5 (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6			
					-				
			-						

Examiner	Date	
Signature	Considered	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 

See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 

Indication of the year of the reign of the Emperor must precede the serial number of the patent document. 

Kind of documents by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 

Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of 5 Sheet 2

C mplet if Known				
Application Number	10/664,803			
Filing Date	September 19, 2003			
First Named Inventor	Unchalee Kositprapa			
Art Unit				
Examiner Name				
Attorney Docket Number	141-424			

	U.S. PATENT DOCUMENTS						
Examiner Initials		Document Number Number - Kind Code <sup>2</sup> (if known	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	AЦ	us- 5,955,106	09-21-1999	Moeckel et al.			
	ΑV		01-04-2000	Whitcomb			
	AW	us-6,031,004	02-29-2000	Timmins et al.			
	AX	us-6,099,859	08-08-2000	Cheng et al.			
	AY	us-6,153,632	11-28-2000	Rieveley Byrd et al.			
	AZ	us- 6,191,162	02-20-2001	Byrd et al.			
	BA	us- 6,248,363	06-19-2001	Patel et al.			
	BB	us- 6,291,495	09-18-2001	Rieveley			
	BC		10-02-2001	Cutie et al.			
	BD	us- 6,329,403	12-11-2001	Odaka et al.			
	BE	us- 6,383,471	05-07-2002	Chen et al.			
	BF	us-6,403,121	06-11-2002	Adjei et al.			
	$BG_{-}$	∪s- 2002/0071866	06-13-2002	Geerke			
	BH	us-6,451,342	09-17-2002	Adjei et al.			
	BI	∪s-6,475,521	11-05-2002	Timmins et al.			
	BJ	us- 6,524,621	02-25-2003	Adjei et al.			
	BK.	us-2003/0113371	06-19-2003	Dhawan et al.			
	BL	us- 2003/0118647	06-26-2003	Seth			
	BM	us- 2003/0118649		Gao et al.			
	BN	us- 6,599,284	07-29-2003	Faour			

	FOREIGN PATENT DOCUMENTS						
Examiner Initials	r Cite Foreign Patent Document  Country Code3 -Number <sup>4</sup> - Kind Code <sup>5</sup> (# kno		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	CA	WO 96/09823 ′	04-04-1996	Luo et al.			
	СВ	WO 98/11879 ′	03-26-1998	Shell et al.			
(	CC	WO 98/55107 /	12-10-1998	Shell et al.			
	CD	WO 99/47128 /	09-23-1999	Timmins et al.			
	CE	WO 99/55320	11-04-1999	Nishii et al.			
	CF.	WO 00/28989	05-25-2000	Lewis et al.			
(	CG	WO 00/72827 🕝	12-07-2000	Straub et al.			
	CH	WO 01/35940	05-25-2001	Lewis et al.			
	CI	WO 01/35941	05-25-2001	Lilliot et al.			
	CJ	WO 01/82875	11-08-2001	Cutie et al:		·	

Examiner			Date	
Signature			Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

Substitute for form 1449A/PTO

### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 3 of 5

Complet if Known						
Application Number 10/664,803						
Filing Date	September 19, 2003					
First Named Inventor	September 19, 2003 Unchalee Kositprapa					
Art Unit						
Examiner Name						
Attorney Docket Number	141-424					

	U.S. PATENT DOCUMENTS								
Examiner Initials	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
		US-							
		US-							
		US-							
		US-							
		US-							
		US-							
		US-	······						
************************	<u></u>	US-							
		US-							
		US-		,					
		US-							
	<u> </u>	US-							
		US-							
		US-							
		US-							
		US-							
		US-							
		US-							
		US-							
		US-							

	FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> - Kind Code <sup>5</sup> (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т6			
	CK		04-11-2002	Gidwani et al.					
	CL	WO 03/004009	01-16-2003	Matharu et al.					
(	CM		05-01-2003	Louie-Helm et al.					
	CN	WO 03/047529	06-12-2003	Seth et al.					
	co	EP 0 169 105	01-22-1986	Zentner et al.					
	CP	EP 0 283 369	09-21-1988	Wiernsperger et al.					
	co	EP 0 381 181	08-08-1995	Wenzel et al.					
	CR	EP 0 749 751	12-27-1996	Ikeda et al.					
	CS	EP 0 753 298	11-21-2001	Tsujita et al.					
	CT	EP 0 781 129	07-02-2003	Moeckel et al.					

Examiner	Date	
Signature	Considered	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as Indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

DEC 2 9 2003 &

Substitute for form 1449B/PTO	Compl t if Known		
INFORMATION BIGGI COURT		10/664,803	
INFORMATION DISCLOSURE	Filing Date	September 19, 2003	
STATEMENT BY APPLICANT	First Named Inventor	Unchalee Kositprapa	
OTATEMENT BY ALL EIGANT	Group Art Unit		
(use as many sheets as necessary)	Examiner Name		
Sheet 4 of 5	Attorney Docket Number	141-424	

OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No.1	include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue	T <sup>2</sup>			
	DA	P. Karttunen et al., International Journal of Clinical Pharmacology, Therapy and Toxicology, "The pharmacokinetics of metformin: a comparison of the properties of a rapid release and a sustained-release preparation" Vol. 21, No. 1 - 1983, pp. 31-36.				
	DB	P.J. Pentikainen, International Journal of Clinical Pharmacology, Therapy and Toxicology, "Bioavailability of metformin. Comparison of solution, rapidly dissolving—tablet, and three sustained-release-products", Vol. 24, No. 4—1986, pp. 213-220.				
	DC	Finnish Monograph of the Diformin®, Retard tablet, with English translation				
	DD	O.J. Lucis, MD, Ph.D., MSC, Canada Medical Association J. Pharmacologic Update "The status of metformin in Canada" Vol. 128, January 1, 1983, pgs. 24-26.				
	DE	G. Belcher and D.R. Matthews Experiment and Clinical Endrocrinology & Diabetes, "Safety and tolerability of pioglitazone" Suppl. 2 (2000) pgs. 267-273.				
	DF	Daniel Einhorn, MD et al., Clinical Therapeutics "Pioglitazone Hydrochloride in Combination with Metformin in the Treatment of Type 2 Diabetes Mellitus: A Randomized, Placebo-Controlled Study", Vol. 22, No. 12, 2000 pgs. 1395-1413.				
	DG	National Institute for Clinical Excellence Technology Appraisal Guidance - No. 21, "Guidance on the Use of Pioglitazone for Type 2 Diabetes Mellitus" March 2001, pgs. 1-13.				
	DH	The Pharmaceutical Journal, Vol. 265, No. 7122, p. 710 November 11, 2000 Clinical (abstract only).				

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE				Compl t if Known		
					10/664,803	
				Filing Date	September 19, 2003	
STATEMENT BY APPLICANT			PPI ICANT	First Named Inventor	Unchalee Kositprapa	
STATEMENT DI ALI LICANT				Group Art Unit		
	(use as many shee	ts a	s necessary)	Examiner Name		
Sheet 5 of 5		Attorney Docket Number	141-424			

Examiner Initials	Cite No.1	include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Т
	DI	Product Labeling for Glucophage® XR (July 2002).	
	DJ	ADA Professional Section Member Supplement 047 and 0503-506 (Poster) p. A110; A117	
	DK	Website www.findarticles.com, Clinician Reviews, "Insulin-Sensitizing Diabetes Agent" September 1999.	
	DL	ACTOS® product label, Physician's Desk Reference, 55th Edition, pp. 3171-3175	
		Rote Liste No. 11081 the Medicament Mediabet of MEDICE, ChemPharm. Fabrik Pütter GmbH & Co. KG, Kuhloweg 37-39 Iserlohn/Germany, Editio	_
		Cantor Verlag für Medizin und Naturwissenschaften GmbH, 1993.	

Examiner		Date	
Signature	<u> </u>	 Considered	. <u>.</u>

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.